



# Broadcast Products Technical Bulletin 20-2006-021R

DATE: April 3, 2006

SUBJECT: RECOMMENDED MONTHLY ADJUSTMENTS



MODEL: **BVM-A24E1WU**  
**BVM-A32E1WU**  
**BVM-D24E1W**  
**BVM-D32E1W**

SERIAL NO: ALL

## DESCRIPTION

For the best CRT performance and accurate color reproduction, the following adjustments are recommended on a monthly basis.

## RECOMMENDED MONTHLY ADJUSTMENTS

1. Perform the focus adjustment. Adjust focus controls F1 and F2 from maximum to minimum five times, then set focus. Internal generator dot pattern CH 097 is available for this adjustment.
2. Perform the auto control preset adjustment for each format used.
3. Perform the white balance adjustment.
4. Adjust the brightness control using the PLUGE test signal.
5. Set the luminance with a 100% white input signal using the contrast control.




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## NOTE:



- Exceeding the luminance specification will degrade CRT performance and focus while decreasing life of the CRT. The specifications are:

BVM-D32 at 100%: 70 nits (20fL)

BVM-D24 at 100%: 100 nits (30fL)



- When luminance is set too high, a corner of the screen is more likely to develop a slight blue glow. Adjusting the focus as described in step 1 will help prevent this symptom.
  - Turning the BVM monitor OFF when not in use will lengthen the life of the monitor. The BVM monitor can be ready to use after a 20-minute warm-up. Before use, select CH 093 (internal white signal) and allow the monitor to warm up.
  - Calibrate your white balance probe regularly.
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